OIPE 0420

CRF Error Corrected by the STIC Systems Branch

Serial Number: 10/084,814

CRF Processing Date: 3/26/2002
Edited by: _____
Verified by: _____ (STIC staff)

ENTERED

#2

☐ Changed a file from non-ASCII to ASCII.

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

_____

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: US/10/084,814 TIME: 11:53:31

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03262002\J084814.raw

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: SLIJKHUIS, HERMAN; SELTEN,
GERARDUS CORNELIS MARIA; SMAAL,
ERIC BASTIAAN

(ii) TITLE OF INVENTION: PROCESS FOR OXIDATION OF
STEROIDS AND GENETICALLY ENGINEERED CELLS
USED THEREIN

(iii) NUMBER OF SEQUENCES: 79

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS
(B) STREET: 600 THIRD AVENUE
(C) CITY: NEW YORK
(D) STATE: NEW YORK
(E) COUNTRY: USA
(F) ZIP: 10016

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: FLOPPY DISK
(B) COMPUTER: IBM PC COMPATIBLE
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: MICROSOFT WORD 97

(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/10/084,814**
C--> **(B) FILING DATE: 26-Feb-2002**

(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/418,085
(B) FILING DATE: 06-APR-1995
(A) APPLICATION NUMBER: 08/054,185
(B) FILING DATE: 26-APR-1993
(A) APPLICATION NUMBER: 08/002,608
(B) FILING DATE: 11-JAN-1993
(A) APPLICATION NUMBER: 07/474,857
(B) FILING DATE: 30-OCT-1990
(A) APPLICATION NUMBER: 07/474,798
(B) FILING DATE: 16-JULY-1990
(A) APPLICATION NUMBER: PCT/NL89/00072
(B) FILING DATE: 25-SEPT-1989
(A) APPLICATION NUMBER: NL88/200904.6
(B) FILING DATE: 06-MAY-1988
(A) APPLICATION NUMBER: NL/88/202080.3
(B) FILING DATE: 03-SEP-1988

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: CHARLES A. MUSERLIAN

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: US/10/084,814 TIME: 11:53:31

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03262002\J084814.raw

(B) REGISTRATION NUMBER: 19,683
(C) REFERENCE/DOCKET NUMBER: 146.1169-CON-1-DIV-1
(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (212) 661-8000
(B) TELEFAX: (212) 661-8002
(2) INFORMATION FOR SEQ ID NO: 1:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 37 BASE PAIRS
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: SINGLE
(D) TOPOLOGY: LINEAR
(ix) FEATURE:
(D) OTHER INFORMATION: OLIGOMER SSC-1
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
GGCTGACGAA GTCCTGAGAC ACTGGATTCA GCACTGG 37
(2) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 177 BASE PAIRS
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: DOUBLE
(D) TOPOLOGY: LINEAR
(ix) FEATURE:
(D) OTHER INFORMATION: SYNTHETIC PSTI/HINDIII FRAGMENT
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
TGCAGCAGCG GCGGCAATCA GTACTAAGAC CCCTAGGCCT 40
TACAGTGAGA TCCCCTCCCC TGGTGACAAT GGCTGGCTTA 80
ACCTCTACCA TTTCTGGAGG GAGAAGGGCT CACAGAGAAT 120
CCACTTTCGC CACATCGAGA ACTTCCAGAA GTATGGCCCC 160
ATTTACAGGG AGAAGCT 177
(2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 7336 BASE PAIRS
(B) TYPE: NUCLEIC ACID
(C) STRANDEDNESS: DOUBLE
(D) TOPOLOGY: UNKNOWN
(ix) FEATURE:
(D) OTHER INFORMATION: PLASMID pBHA-1
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
AATTCACCTC GAAAGCAAGC TGATAAACCG ATACAATTAA 40
AGGCTCCTTT TGGAGCCTTT TTTTTTGGAG ATTTTCAACG 80
TGAAAAAATT ATTATTCGCA ATTCCAAGCT AATTCACCTC 120
GAAAGCAAGC TGATAAACCG ATACAATTAA AGGCTCCTTT 160
TGGAGCCTTT TTTTTTGGAG ATTTTCAACG TGAAAAAATT 200
ATTATTCGCA ATTCCAAGCT CTGCCTCGCG CGTTTCGGTG 240
ATGACGGTGA AAACCTCTGA CACATGCAGC TCCCGGAGAC 280
GGTCACAGCT TGTCTGTAAG CGGATGCAGA TCACGCGCCC 320
TGTAGCGGCG CATTAAGCGC GGCGGGTGTG GTGGTTACGC 360

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: **US/10/084,814** TIME: 11:53:31

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\03262002\J084814.raw**

153 GCAGCGTGAC CGCTACACTT GCCAGCGCCC TAGCGCCCGC 400
155 TCCTTTCGCT TTCTTCCCTT CCTTTCTCGC CACGTTCGCC 440
157 GGCTTTCCCC GTCAAGCTCT AAATCGGGGG CTCCCTTTAG 480
159 GGTTCCGATT TAGTGCTTTA CGGCACCTCG ACCCCAAAAA 520
161 ACTTGATTAG GGTGATGGTT CACGTAGTGG GCCATCGCCC 560
163 TGATAGACGG TTTTTCGCCC TTTGACGTTG GAGTCCACGT 600
165 TCTTTAATAG TGGACTCTTG TTCCAAACTG GAACAACACT 640
167 CAACCCTATC TCGGTCTATT CTTTTGATTT ATAAGGGATT 680
169 TTGCCGATTT CGGCCTATTG GTTAAAAAAT GAGCTGATTT 720
171 AACAAAAATT TAACGCGAAT TTTAACAAAA TATTAACGTT 760
173 TACAATTTGA TCTGCGCTCG GTCGTTCGGC TGCGGCGAGC 800
175 GGTATCAGCT CACTCAAAGG CGGTAATACG GTTATCCACA 840
177 GAATCAGGGG ATAACGCAGG AAAGAACATG TGAGCAAAAG 880
179 GCCAGCAAAA GGCCAGGAAC CGTAAAAAGG CCGCGTTGCT 920
181 GGCGTTTTTC CATAGGCTCC GCCCCCCTGA CGAGCATCAC 960
183 AAAAATCGAC GCTCAAGTCA GAGGTGGCGA AACCCGACAG 1000
185 GACTATAAAG ATACCAGGCG TTTCCCCCTG GAAGCTCCCT 1040
189 CGTGCGCTCT CCTGTTCCGA CCCTGCCGCT TACCGGATAC 1080
191 CTGTCCGCCT TTCTCCCTTC GGGAAGCGTG GCGCTTTCTC 1120
193 ATAGCTCACG CTGTAGGTAT CTCAGTTCGG TGTAGGTCGT 1160
195 TCGCTCCAAG CTGGGCTGTG TGCACGAACC CCCCGTTCAG 1200
197 CCCGACCGCT GCGCCTTATC CGGTAACTAT CGTCTTGAGT 1240
199 CCAACCCGGT AAGACACGAC TTATCGCCAC TGGCAGCAGC 1280
201 CACTGGTAAC AGGATTAGCA GAGCGAGGTA TGTAGGCGGT 1320
203 GCTACAGAGT TCTTGAAGTG GTGGCCTAAC TACGGCTACA 1360
205 CTAGAAGGAC AGTATTTGGT ATCTGCGCTC TGCTGAAGCC 1400
207 AGTTACCTTC GGAAAAAGAG TTGGTAGCTC TTGATCCGGC 1440
209 AAACAAACCA CCGCTGGTAG CGGTGGTTTT TTTGTTTGCA 1480
211 AGCAGCAGAT TACGCGCAGA AAAAAAGGAT CTCAAGAAGA 1520
213 TCCTTTGATC TTTTCTACGG GGTCTGACGC TCAGTGGAAC 1560
215 GAAAACTCAC GTTAAGGGAT TTTGGTCATG AGATTATCAA 1600
217 AAAGGATCTT CACCTAGATC CTTTTAAATT AAAAATGAAG 1640
219 TTTTAAATCA ATCTAAAGTA TATATGAGTA AACTTGGTCT 1680
221 GACAGTTACC AATGCTTAAT CAGTGAGGCA CCTATCTCAG 1720
223 CGATCTGTCT ATTTCGTTCA TCCATAGTTG CCTGACTCCC 1760
225 CGTCGTGTAG ATAACTACGA TACGGGAGGG CTTACCATCT 1800
227 GGCCCCAGTG CTGCAATGAT ACCGCGAGAC CCACGCTCAC 1840
229 CGGCTCCAGA TTTATCAGCA ATAAACCAGC CAGCCGGAAG 1880
231 GGCCGAGCGC AGAAGTGGTC CTGCAACTTT ATCCGCCTCC 1920
234 ATCCAGTCTA TTAATTGTTG CCGGGAAGCT AGAGTAAGTA 1960
236 GTTCGCCAGT TAATAGTTTG CGCAACGTTG TTGCCATTGC 2000
238 TGCAGGCATC GTGGTGTCAC GCTCGTCGTT TGGTATGGCT 2040
240 TCATTCAGCT CCGGTTCCCA ACGATCAAGG CGAGTTACAT 2080
242 GATCCCCCAT GTTGTGCAAA AAAGCGGTTA GCTCCTTCGG 2120
244 TCCTCCGATC GTTGTCAGAA GTAAGTTGGC CGCAGTGTTA 2160
246 TCACTCATGG TTATGGCAGC ACTGCATAAT TCTCTTACTG 2200
248 TCATGCCATC CGTAAGATGC TTTTCTGTGA CTGGTGAGTA 2240
250 CTCAACCAAG TCATTCTGAG AATAGTGTAT GCGGCGACCG 2280
252 AGTTGCTCTT GCCCGGCGTC AACACGGGAT AATACCGCGC 2320

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: **US/10/084,814** TIME: 11:53:31

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\03262002\J084814.raw**

254 CACATAGCAG AACTTTAAAA GTGCTCATCA TTGGAAAACG 2360
256 TTCTTCGGGG CGAAAACTCT CAAGGATCTT ACCGCTGTTG 2400
258 AGATCCAGTT CGATGTAACC CACTCGTGCA CCCAACTGAT 2440
260 CTTCAGCATC TTTTACTTTC ACCAGCGTTT CTGGGTGAGC 2480
262 AAAAACAGGA AGGCAAAATG CCGCAAAAAA GGGAATAAGG 2520
264 GCGACACGGA AATGTTGAAT ACTCATACTC TTCCTTTTTC 2560
266 AATATTATTG AAGCAGACAG TTTTATTGTT CATGATGATA 2600
268 TATTTTTATC TTGTGCAATG TAACATCAGA GATTTTGAGA 2640
270 CACAACGTGG CTTTGTTGAA TAAATCGAAC TTTTGCTGAG 2680
272 TTGACTCCCC GCGCGCGATG GGTCGAATTT GCTTTCGAAA 2720
274 AAAAAGCCCG CTCATTAGGC GGGCTAAAAA AAAGCCCGCT 2760
276 CATTAGGCGG GCTCGAATTT CTGCCATTCA TCCGCTTATT 2800
278 ATCACTTATT CAGGCGTAGC AACCAGGCGT TTAAGGGCAC 2840
282 CAATAACTGC CTTAAAAAAA TTACGCCCCG CCCTGCCACT 2880
284 CATCGCAGTA CTGTTGTAAT TCATTAAGCA TTCTGCCGAC 2920
286 ATGGAAGCCA TCACAGACGG CATGATGAAC CTGAATCGCC 2960
288 AGCGGCATCA GCACCTTGTC GCCTTGCGTA TAATATTTGC 3000
290 CCATAGTGAA AACGGGGGCG AAGAAGTTGT CCATATTCGC 3040
292 CACGTTTAAA TCAAAACTGG TGAAACTCAC CCAGGGATTG 3080
294 GCTGAGACGA AAAACATATT CTCAATAAAC CCTTTAGGGA 3120
296 AATAGGCCAG GTTTTCACCG TAACACGCCA CATCTTGCGA 3160
298 ATATATGTGT AGAAACTGCC GGAAATCGTC GTGGTATTCA 3200
300 CTCCAGAGCG ATGAAAACGT TTCAGTTTGC TCATGGAAAA 3240
302 CGGTGTAACA AGGGTGAACA CTATCCCATA TCACCAGCTC 3280
304 ACCGTCTTTC ATTGCCATAC GAAATTCCGG ATGAGCATTC 3320
306 ATCAGGCGGG CAAGAATGTG AATAAAGGCC GGATAAAACT 3360
308 TGTGCTTATT TTTCTTTACG GTCTTTAAAA AGGCCGTAAT 3400
310 ATCCAGCTAA ACGGTCTGGT TATAGGTACA TTGAGCAACT 3440
312 GACTGAAATG CCTCAAAATG TTCTTTACGA TGCCATTGGG 3480
314 ATATATCAAC GGTGGTATAT CCAGTGATTT TTTTCTCCAT 3520
316 TTTAGCTTCC TTAGCTCCTG AAAATCTCGA TAACTCAAAA 3560
318 AATACGCCCG GTAGTGATCT TATTTCATTA TGGTGAAAGT 3600
320 TGGAACCTCT TACGTGCCGA TCAACGTCTC ATTTTCGCCA 3640
322 AAAGTTGGCC CAGGGCTTCC CGGTATCAAC AGGGACACCA 3680
324 GGATTTATTT ATTCTGCGAA GTGATCTTCC GTCACAGGTA 3720
327 TTTATTCGAA GACGAAAGGG CATCGCGCGC GGGGAATTCC 3760
329 CGGGAGAGCT CGATATCGCA TGCGGTACCT CTAGAAGAAG 3800
331 CTTGGAGACA AGGTAAAGGA TAAAACAGCA CAATTCCAAG 3840
333 AAAAACACGA TTTAGAACCT AAAAAGAACG AATTTGAACT 3880
335 AACTCATAAC CGAGAGGTAA AAAAAGAACG AAGTCGAGAT 3920
337 CAGGGAATGA GTTTATAAAA TAAAAAAAGC ACCTGAAAAG 3960
339 GTGTCTTTTT TTGATGGTTT TGAACTTGTT CTTTCTTATC 4000
341 TTGATACATA TAGAAATAAC GTCATTTTTA TTTTAGTTGC 4040
343 TGAAAGGTGC GTTGAAGTGT TGGTATGTAT GTGTTTTAAA 4080
345 GTATTGAAAA CCCTTAAAAT TGGTTGCACA GAAAAACCCC 4120
347 ATCTGTTAAA GTTATAAGTG ACTAAACAAA TAACTAAATA 4160
349 GATGGGGGTT TCTTTTAATA TTATGTGTCC TAATAGTAGC 4200
351 ATTTATTCAG ATGAAAAATC AAGGGTTTTA GTGGACAAGA 4240
353 CAAAAAGTGG AAAAGTGAGA CCATGGAGAG AAAAGAAAAT 4280

RAW SEQUENCE LISTING DATE: 03/26/2002
PATENT APPLICATION: US/10/084,814 TIME: 11:53:31

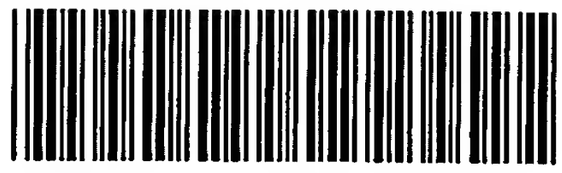
Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\03262002\J084814.raw

355 CGCTAATGTT GATTACTTTG AACTTCTGCA TATTCTTGAA 4320
357 TTTAAAAAGG CTGAAAGAGT AAAAGATTGT GCTGAAATAT 4360
359 TAGAGTATAA ACAAAATCGT GAAACAGGCG AAAGAAAGTT 4400
361 GTATCGAGTG TGGTTTTGTA AATCCAGGCT TTGTCCAATG 4440
363 TGCAACTGGA GGAGAGCAAT GAAACATGGC ATTCAGTCAC 4480
365 AAAAGGTTGT TGCTGAAGTT ATTAAACAAA AGCCAACAGT 4520
367 TCGTTGGTTG TTTCTCACAT TAACAGTTAA AAATGTTTAT 4560
369 GATGGCGAAG AATTAAATAA GAGTTTGTCA GATATGGCTC 4600
371 AAGGATTTCG CCGAATGATG CAATATAAAA AAATTAATAA 4640
375 AAATCTTGTT GGTTTTATGC GTGCAACGGA AGTGACAATA 4680
377 AATAATAAAG ATAATTCTTA TAATCAGCAC ATGCATGTAT 4720
379 TGGTATGTGT GGAACCAACT TATTTTAAGA ATACAGAAAA 4760
381 CTACGTGAAT CAAAAACAAT GGATTCAATT TTGGAAAAAG 4800
383 GCAATGAAAT TAGACTATGA TCCAAATGTA AAAGTTCAAA 4840
385 TGATTCGACC GAAAAATAAA TATAAATCGG ATATACAATC 4880
387 GGCAATTGAC GAAACTGCAA AATATCCTGT AAAGGATACG 4920
389 GATTTTATGA CCGATGATGA AGAAAAGAAT TTGAAACGTT 4960
391 TGTCTGATTT GGAGGAAGGT TTACACCGTA AAAGGTTAAT 5000
393 CTCCTATGGT GGTTTGTTAA AAGAAATACA TAAAAAATTA 5040
395 AACCTTGATG ACACAGAAGA AGGCGATTTG ATTCATACAG 5080
397 ATGATGACGA AAAAGCCGAT GAAGATGGAT TTTCTATTAT 5120
399 TGCAATGTGG AATTGGGAAC GGAAAAATTA TTTTATTAAA 5160
401 GAGTAGTTCA ACAAACGGGC CAGTTTGTTG AAGATTAGAT 5200
403 GCTATAATTG TTATTAAAAG GATTGAAGGA TGCTTAGGAA 5240
405 GACGAGTTAT TAATAGCTGA ATAAGAACGG TGCTCTCCAA 5280
407 ATATTCTTAT TTAGAAAAGC AAATCTAAAA TTATCTGAAA 5320
409 AGGGAATGAG AATAGTGAAT GGACCAATAA TAATGACTAG 5360
411 AGAAGAAAGA ATGAAGATTG TTCATGAAAT TAAGGAACGA 5400
413 ATATTGGATA AATATGGGGA TGATGTTAAG GCTATTGGTG 5440
415 TTTATGGCTC TCTTGGTCGT CAGACTGATG GGCCCTATTC 5480
417 GGATATTGAG ATGATGTGTG TCATGTCAAC AGAGGAAGCA 5520
420 GAGTTCAGCC ATGAATGGAC AACCGGTGAG TGGAAGGTGG 5560
422 AAGTGAATTT TGATAGCGAA GAGATTCTAC TAGATTATGC 5600
424 ATCTCAGGTG GAATCAGATT GGCCGCTTAC ACATGGTCAA 5640
426 TTTTTCTCTA TTTTGCCGAT TTATGATTCA GGTGGATACT 5680
428 TAGAGAAAGT GTATCAAACT GCTAAATCGG TAGAAGCCCA 5720
430 AACGTTCCAC GATGCGATTT GTGCCCTTAT CGTAGAAGAG 5760
432 CTGTTTGAAT ATGCAGGCAA ATGGCGTAAT ATTCGTGTGC 5800
434 AAGGACCGAC AACATTTCTA CCATCCTTGA CTGTACAGGT 5840
436 AGCAATGGCA GGTGCCATGT TGATTGGTCT GCATCATCGC 5880
438 ATCTGTTATA CGACGAGCGC TTCGGTCTTA ACTGAAGCAG 5920
440 TTAAGCAATC AGATCTTCCT TCAGGTTATG ACCATCTGTG 5960
442 CCAGTTCGTA ATGTCTGGTC AACTTTCCGA CTCTGAGAAA 6000
444 CTTCTGGAAT CGCTAGAGAA TTTCTGGAAT GGGATTCAGG 6040
446 AGTGGACAGA ACGACACGGA TATATAGTGG ATGTGTCAAA 6080
448 ACGCATACCA TTTTGAACGA TGACCTCTAA TAATTGTTAA 6120
450 TCATGTTGGT TACGTATTTA TTAACTTCTC CTAGTATTAG 6160
452 TAATTATCAT GGCTGTCATG GCGCATTAAC GGAATAAAGG 6200
454 GTGTGCTTAA ATCGGGCCAT TTTGCGTAAT AAGAAAAAGG 6240

VERIFICATION SUMMARY DATE: 03/26/2002
PATENT APPLICATION: **US/10/084,814** TIME: 11:53:32

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\03262002\J084814.raw**

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]



OIPE

RAW SEQUENCE LISTING DATE: 03/19/2002
PATENT APPLICATION: US/10/084,814 TIME: 15:09:26

Input Set : A:\422161_1.txt
Output Set: N:\CRF3\03192002\J084814.raw

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed
eol

4 (1) GENERAL INFORMATION:
6 (i) APPLICANT: SLIJKHUIS, HERMAN; SELTEN,
7 GERARDUS CORNELIS MARIA; SMAAL,
8 ERIC BASTIAAN
10 (ii) TITLE OF INVENTION: PROCESS FOR OXIDATION OF
11 STEROIDS AND GENETICALLY ENGINEERED CELLS
12 USED THEREIN
14 (iii) NUMBER OF SEQUENCES: 79
16 (iv) CORRESPONDENCE ADDRESS:
17 (A) ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS
18 (B) STREET: 600 THIRD AVENUE
19 (C) CITY: NEW YORK
20 (D) STATE: NEW YORK
21 (E) COUNTRY: USA
22 (F) ZIP: 10016
24 (v) COMPUTER READABLE FORM:
25 (A) MEDIUM TYPE: FLOPPY DISK
26 (B) COMPUTER: IBM PC COMPATIBLE
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
28 (D) SOFTWARE: MICROSOFT WORD 97
30 (vi) CURRENT APPLICATION DATA:
C--> 31 **(A) APPLICATION NUMBER: US/10/084,814**
C--> 32 **(B) FILING DATE: 26-Feb-2002**
64 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: 08/418,085
36 (B) FILING DATE: 06-APR-1995
39 (A) APPLICATION NUMBER: 08/054,185
40 (B) FILING DATE: 26-APR-1993
43 (A) APPLICATION NUMBER: 08/002,608
44 (B) FILING DATE: 11-JAN-1993
49 (A) APPLICATION NUMBER: 07/474,857
50 (B) FILING DATE: 30-OCT-1990
53 (A) APPLICATION NUMBER: 07/474,798
54 (B) FILING DATE: 16-JULY-1990
57 (A) APPLICATION NUMBER: PCT/NL89/00072
58 (B) FILING DATE: 25-SEPT-1989
61 (A) APPLICATION NUMBER: NL88/200904.6
62 (B) FILING DATE: 06-MAY-1988
65 (A) APPLICATION NUMBER: NL/88/202080.3
66 (B) FILING DATE: 03-SEP-1988
68 (viii) ATTORNEY/AGENT INFORMATION:
69 (A) NAME: CHARLES A. MUSERLIAN

RAW SEQUENCE LISTING DATE: 03/19/2002
PATENT APPLICATION: US/10/084,814 TIME: 15:09:26

Input Set : A:\422161_1.txt
Output Set: N:\CRF3\03192002\J084814.raw

```
70          (B) REGISTRATION NUMBER: 19,683
71          (C) REFERENCE/DOCKET NUMBER: 146.1169-
72                                       CON-1-DIV-1
74     (ix) TELECOMMUNICATION INFORMATION:
75          (A) TELEPHONE: (212) 661-8000
76          (B) TELEFAX: (212) 661-8002
```

ERRORED SEQUENCES

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1782 (2) INFORMATION FOR SEQ ID NO: 79:
1784      (i) SEQUENCE CHARACTERISTICS:
1785           (A) LENGTH: 12 BASE PAIRS
1786           (B) TYPE: NUCLEIC ACID
1787           (C) STRANDEDNESS: SINGLE
1788           (D) TOPOLOGY: LINEAR
1790     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 79:
1792 TCGAGGGAAG CT 12
E--> 1793 ??
E--> 1795 (..continued)
W--> 1805 - 39 -
E--> 1811 422161_1
W--> 1813 - 1 -
E--> 1817 422161_1
```

delete

#2

VERIFICATION SUMMARY DATE: 03/19/2002
PATENT APPLICATION: US/10/084,814 TIME: 15:09:28

Input Set : A:\422161_1.txt
Output Set: N:\CRF3\03192002\J084814.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:1793 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1793 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1795 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:0
L:1795 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1795 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:1805 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:79
L:1811 M:254 E: No. of Bases conflict, Input:1 Counted:12 SEQ:79
L:1811 M:320 E: (1) Wrong Nucleic Acid Designator, 7
L:1813 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:79
M:254 Repeated in SeqNo=79
L:1817 M:320 E: (1) Wrong Nucleic Acid Designator, 7
L:1817 M:204 E: No. of Bases differ, LENGTH:Input:12 Counted:14 SEQ:79